

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the above-captioned patent application:

Listing of Claims:

1-3. (Cancelled)

4. (Currently Amended) A heat exchanger having a high fin density coil design comprising a series of parallelly spaced fins and a plurality of fluid carrying tubes penetrating said series of parallelly spaced fins, each of said fins having a bottom surface which has an uncoated central area and stripes of a coating material along outer edge areas thereof, and a top surface which is completely coated, said central areas of said fins having a plurality spaced holes, said holes having surrounding collars which are uncoated on the inside surface area and coated on their outside surface, and said tubes being in an assembled array, with each of said tubes passing through said holes in said parallelly spaced fins and being in contact with said uncoated inside surfaces of said collars surrounding said holes.

5. (Original) The heat exchanger of claim 4 in which the fin density is greater than or equal to 17 fins per linear inch.

6. (Original) The heat exchanger of claim 4 in which the fin density is greater than 20 fins per linear inch.